US-PAT-NO: 6704031

DOCUMENT-IDENTIFIER: US 6704031 B1

TITLE: Toolbar tracking

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Application Filing Date - AD (1):
20000626

Detailed Description Text - DETX (15):
    The general-purpose computer 270 typically will include an input/output interface 288 for wired or wireless connection to various peripheral devices 290. Examples of peripheral devices 290 include, but are not limited to, a mouse 291, a mobile phone 292, a personal digital assistant 293 (**PDA**), a keyboard 294, a display monitor 295 with or without a touch screen input, and/or a TV remote control 296 for receiving information from and rendering information to subscribers.

Detailed Description Text - DETX (16):
    Although FIG. 2 illustrates devices such as a mobile telephone 292, a **PDA** 293, and a TV remote control 296 as being peripheral with respect to the general-purpose computer 270, in another implementation, such devices may themselves include the functionality of the general-purpose computer 270 and operate as the client device 220. For example, the mobile phone 292 or the **PDA** 293 may include computing and networking capabilities and function as a client device 220 by accessing the delivery network 260 and communicating with the host system 210. Furthermore, the client system 205 may include one, some or all of the components and devices described above.

Detailed Description Text - DETX (21):
    Typically, the OSP host complex 380 supports different services, such as email, discussion groups, chat, news services, and Internet access. The OSP host complex 380 is generally designed with an architecture that enables the machines within the OSP host complex 380 to communicate with each other and employs certain protocols (i.e., standards, **formats,** conventions, rules, and structures) to transfer data. The OSP host complex 380 ordinarily employs one or more OSP protocols and custom dialing engines to enable access by selected client applications. The OSP host complex 380 may define one or more specific protocols for each service based on a common, underlying proprietary protocol.

Detailed Description Text - DETX (35):
    The routing processor 4812 also may direct data requests and/or otherwise facilitate communication between the client system 405 and the Internet 465.

In one implementation, the client system 405 uses an OSP client application to convert standard Internet content and protocols into OSP protocols and vice versa. For example, when a browser application transmits a request in standard Internet protocol, the OSP client application can intercept the request, convert the request into an OSP protocol and send the converted request to the routing processor 4812 in the OSP host complex 480. The routing processor 4812 recognizes the Internet 465 as the destination and routes the data packets to an IP ("Internet Protocol") tunnel 4818. The **IP** tunnel 4818 **converts the data from the OSP protocol** back into standard Internet protocol and transmits the data to the Internet 465. The **IP** tunnel 4818 also **converts the data received from the Internet in the standard Internet protocol** back into the OSP protocol and sends the data to the routing processor 4812 for delivery back to the client system 405. At the client system 405, the OSP client application converts the data in the OSP protocol back into standard Internet content for communication with the browser application.